

What is claimed is:

1. A bearing part comprising damping steel that contains from 0.2 to 0.6 % by weight of C, from 5.0 to 15.0 % by weight of Cr, from 0.2 to 1.3 % by weight of Si, from 0.05 to 0.20 %
5 by weight of N, and comprises Fe and inevitable impurities as the remaining.
2. The bearing part according to claim 1, wherein the damping steel is hardened in an ordinary manner to have a surface hardness,
10 in terms of Rockwell C hardness of at least 57.
3. The bearing part according to claim 1, wherein the Cr content falls between 6.0 and 11 % by weight.
- 15 4. The bearing part according to claim 1, wherein the Cr content falls between 9.0 and 10 % by weight.
5. The bearing part according to claim 1, wherein the N content falls between 0.09 and 0.15 % by weight.

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